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1. (Thrice Amended) A programmable medical device, comprising:
a display device;
an input device for allowing a user to input commands to control the programmable medical device, the input device comprising:
a routine, responsive to a status of the programmable medical device without user input, for generating a display of a plurality of entry keys disposed in a spatial configuration and for selectively displaying on the display device only those entry keys which are required by the status for inputting commands to the programmable medical device during each phase of control or programming; and
a selector for allowing a user to activate the displayed keys to allow the user to input commands to control operation of the programmable medical device.

D²

10. (Amended) The programmable medical device of claim 1 wherein the display device comprises a liquid crystal display (LCD).

D³

11. (Thrice Amended) A programmable medical device, comprising:
a display device;
an input device for allowing a user to input commands to control the programmable medical device, the input device comprising:
a plurality of entry keys disposed in a spatial configuration;
a routine, responsive to a status of the programmable medical device without user input, for selectively enabling only those entry keys which are required by the status for inputting commands to the programmable medical device.

D⁴

21. (Thrice Amended) A controller for controlling a programmable medical device comprising:
a display device;
a routine, responsive to a status of the programmable medical device without user input, for generating a display of a plurality of entry keys disposed in a spatial configuration and for

selectively displaying on the display device only those entry keys which are required by the status for inputting commands to the programmable medical device during each phase of control or programming; and

a selector for allowing a user to activate the displayed keys to allow the user to input commands to control operation of the programmable medical device.

30. (Thrice Amended) A medical apparatus comprising:

a programmable medical device, the programmable medical device being disposed at a first location and comprising:

an input device for allowing a user to input commands to control the medical device, the input device having a plurality of entry keys disposed in a spatial configuration; and

a remote controller for monitoring and controlling the programmable medical device, the remote controller being positionable at a second location remote from the first location but in communication therewith, the remote controller comprising:

a display device;

a routine, responsive to a status of the programmable medical device without user input, for generating a display of a plurality of virtual entry keys disposed in a spatial configuration and for selectively displaying on the display device only those virtual entry keys which are required by the status for inputting commands to the programmable medical device; and

a selector for allowing a user to activate the displayed virtual entry keys to allow the user to input commands to control operation of the programmable medical device.

35. (Thrice Amended) A method for controlling a programmable medical device, the programmable medical device having a display device, an input device for allowing a user to input commands to control the programmable medical device, the input device having a routine, responsive to a status of the programmable medical device without user input, for generating a display of a plurality of entry keys disposed in a spatial configuration and for selectively displaying on the display device only those entry keys which are required by the status for inputting commands to the programmable medical device; and a selector for allowing a user to

activate the displayed keys to allow the user to input commands to control operation of the programmable medical device, comprising the steps of:

- determining the status of the programmable medical treatment device;
- selecting those entry keys which are required by the status for inputting commands to the programmable medical device; and
- displaying only those entry keys which are required by the status for inputting commands to the programmable medical device.

36. (Thrice Amended) A method for controlling a programmable medical device, the programmable medical device having a display device, an input device for allowing a user to input commands to control the programmable medical device, the input device having a plurality of entry keys disposed in a spatial configuration; and a routine, responsive to a status of the programmable medical device without user input, for selectively enabling only those entry keys which are required by the status for inputting commands to the programmable medical device comprising:

- determining the status of the programmable medical device during each phase of control or programming ;
- selecting those entry keys which are required by the status for inputting commands to the programmable medical device; and
- enabling only those entry key which are required by the status for inputting commands to the programmable medical device.

REMARKS

Claims 1, 3, 8-13, 18-21, 24 and 26-37 are pending in the present application. Claims 1, 10, 11, 21, 30, 35 and 36 have been objected to because of informalities. Claims 1, 8, 9, 11, 12, 18-21, 24, 26, 30, and 33-36 have been rejected under 35 U.S.C. §102(e) as being anticipated by, or in the alternative, under 35 U.S.C. §103(a) as being obvious over U.S. Pat. No. 6,024,089 to Wallace et al. ("Wallace"). Claims 10 and 29 have been rejected under 35 U.S.C. §103(a) as